

#3

MAINTENANCE SERVICE - EVERY 10,000 MILES

All 1972 & 1973 Models (With #3Z At 30,000 Mile Intervals)



service

Customer: _____

Work Order No.: _____

Address: _____

License No.: _____

City & State: _____

Mileage: _____

Zip Code or Province: _____

Time Promised: _____

Maintenance Work to be Performed:

- ☐ MB Maintenance Service (three sections) with engine oil change and oil filter service.
Oil: Brand-Viscosity _____

Additional Maintenance Work to be Performed Every 30,000 Miles:

- ☐ Radiator Coolant: _____ °F
FILL/DRAIN/CHECK. Add rust inhibitor.
- ☐ Drain and renew brake fluid, (once a year, preferably in Spring). Use only specified brake fluid.

M-B Individual Maintenance Jobs Performed as Needed:

- ☐ Section I: Lubrication Service
Engine oil change with oil filter service.
Oil: Brand-Viscosity _____
- ☐ Section II: Electronic Engine Testing;
Engine maintenance.
- ☐ Section III: Safety Inspection.

Special Maintenance Work Performed at Extra Cost:

- ☐ Sliding Roof: Clean guide channels and lubricate lightly.
- ☐ Lighting System: Check headlights and aim.
- ☐ Battery: Clean housing and terminals; grease terminals lightly.
- ☐ Car wash.
- ☐ Wax and Polish.
- ☐ Clean Engine and Engine Compartment; lubricate all control linkages.

Special Instructions from Customer:

Visual Inspection: Check For Leakage and General Condition.

- | | | | |
|---------------------------------------|--|---|---|
| <input type="checkbox"/> Engine | <input type="checkbox"/> Rear Axle | <input type="checkbox"/> Front Axle | <input type="checkbox"/> Undercarriage |
| <input type="checkbox"/> Steering | <input type="checkbox"/> Brakes | <input type="checkbox"/> Tires | <input type="checkbox"/> Body Condition |
| <input type="checkbox"/> Transmission | <input type="checkbox"/> Shock Absorbers | <input type="checkbox"/> Exhaust System | |

Result: _____

Part I: Service Maintenance with Oil Filter Change

Oil Change

_____ 151 Engine oil with filter change.

Filter Service

_____ 156 Supplementary oil filter for hydraulic fan: clean filter element.

Inspection for Leaks and Condition

_____ 023 Comfort hydraulic system (600).
_____ 038 Heating & cooling system.

_____ 041 Fuel hoses and pipes.

_____ 045 Clutch operating mechanism (manual transmission only).

_____ 085 Hydraulic leveling system (114-115 types).

_____ 087 Air suspension system (300 SEL-600).

(continued)

Check Fluid Level and Replenish

(Check for leakage).

- _____ 120 Automatic transmission.
- _____ 121 Manual transmission (220-220D).
- _____ 130 Rear axle.
- _____ 134 Power steering.
- _____ 135 Steering (220-220D).
- _____ 138 Hydraulic leveling system (114-115).
- _____ 465 Windshield washer system.
- _____ 484 Air conditioning.
- _____ 510 Clutch operating mechanism (manual transmission only).
- _____ 494 Comfort hydraulic system (600).
- _____ 463 Air suspension system (300SEL-600).
- _____ 700 Brake system.
- _____ 788 Stromberg carburetor (220 only).
- _____ 800 Fuel injection pump (220D-600).
- _____ 821 Battery.
- _____ 990 Radiator.

Body and Chassis Lubrication

- _____ 250 Lubrication fittings, front and rear axle (108-109 only).
- _____ 350 Door hinges
- _____ 393 Door locks.
- _____ 395 Hood
- _____ 398 Parking brake linkage guide (in drive shaft tunnel).
- _____ 415 Engine control linkages, control shafts and cables (not required on control shafts with plastic bearings).
- _____ 492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.
- _____ 466 Drain condensate from air supply tank (300SEL-600).

Part II: Electronic Engine Test and Engine Maintenance**Mechanical**

- _____ 753 Adjust valve clearances.
- _____ 202 Clean filter element (for high dust conditions replace every 30,000 miles).
- _____ 205 Clean oil bath air cleaner and change oil (220D)
- _____ 757 Check all drive belt tension and condition.
- _____ 785 Exhaust manifold heater flap. Check for free movement and free up as required (114-115).
- _____ 813 Engine control linkage. Check for free movement and adjust.
- _____ 806 Replace filter for injection pump additional air valve (280SE).
- _____ 770 Replace spark plugs (except 220D).
- _____ 751 Check engine cylinder compression (except 220D).
- _____ 773 Replace distributor points (except 220D).
- _____ 782 Check and adjust dwell angle, ignition timing and ignition changeover (except 220D).
- _____ 832 Analyze engine with oscilloscope (except 220D).
- _____ 797 Check and adjust engine idle speed control (diesel only).
- _____ 798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).
- _____ 895 Check alternator fastening bolt for tightness (220D).

Part III: Safety Check

- _____ 025 Steering system: check steering coupling for wear and clamping screws for tightness. Check for excessive wear in the system.
- _____ 983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.
- _____ 982 Tires: check tire tread wear and other tire damage.
- _____ 987 Correct tire air pressure.
- _____ 707 Brake pads: remove, clean, check and replace if necessary.
- _____ 703 Brake calipers: check for leakage and piston action, check condition of dust shield.
- _____ 709 Brake discs: Check for condition.
- _____ 708 Brake discs: Clean ventilating passages (except 114-115-600).
- _____ 009 Parking brake. Check brake cable action.

(continued)

- ____ 706 Parking brake: re-adjust.
- ____ 713 Air power brake: clean ventilation holes on forward side of unit (600 only).
- ____ 701 Bleed brake system (600 only).
- ____ 028 Maintenance free joints for front axle: check for sealing and condition of steering joint sealing collars. (except 108-109).
- ____ 029 Steering: check for sealing and condition of sealing collars and steering rods.

Retightening of Nuts, Bolts, and Retaining Parts

- ____ 922 Front axle lower "A" frame attaching screws (8) (108-109 only).
- ____ 924 Steering gear mounting screws (3).
- ____ 988 Wheel bolts.

- ____ 099 Check function of:
 - ____ Headlight, rear lights and stop light.
 - ____ Directional signals: Hazard warning lights.
 - ____ Windshield wiper, windshield washer.
 - ____ Heating and ventilation.
- ____ 098 Road test or dynamometer
 - ____ Foot and **emergency** brakes.
 - ____ Clutch.
 - ____ Manual transmission.
 - ____ Automatic transmission.
 - ____ Air conditioner.

Tire tread depth and brake performance

Front—Left		Front—Right	
IN.	KP	IN.	KP
Rear—Left		Rear—Right	
IN.	KP	IN.	KP

Additional Maintenance Work to be Performed Every 30,000 Miles Maintenance Service #3Z

Maintenance

Oil Change

- ____ 170 Automatic transmission oil change.

Filter Replacement or Cleaning

- ____ 174 Automatic transmission: replace filter element.
- ____ 612 Power steering: Replace filter element.
- ____ 851 Fuel feed pump: clean screen (carburetor engines only).
- ____ 840-847-849 Fuel filter: clean element or replace (except 220D).
- ____ 845 Fuel main filter: Clean filter element and filter housing (220D).
- ____ 844 Fuel pre-filter: check (220D).
- ____ 470 Air suspension anti-freeze container: replace air filter (300SEL-600).
- ____ 497 Ventilation: Replace Perlon filter in front blower (600 only).
- ____ 498 Heating: Replace Perlon filter in solenoid valve (600 only).
- ____ 670 Hydraulic leveling system: replace reservoir cover with filter (114-115 only).

Lubrication

- ____ 380-671 Hydraulic leveling or air suspension system: lubricate level control rod ball joints (114-115-300SEL-600 only).

- ____ 388 Front wheel grease caps: clean and refill with new grease.

Tightening of Nuts and Bolts

- ____ 871 Intake and exhaust manifold nuts and exhaust flange bolts.
- ____ 876 Carburetor mounting flange screws (220, 250 only)

Checking

- ____ 501 Check clutch lining thickness (manual transmission only).
- ____ 625 Check front wheel toe-in.
- ____ 030 Check propeller shaft joint discs for wear or damage.

Air Suspension (300SEL, 600 only).

- ____ 676 Check air bellows for cracks (hairline cracks are not significant. However, if larger cracks are found, advise customer of need to replace the bellows).
- ____ 622 Check vehicle level, front wishbone position and rear axle camber. (Correct headlight adjustment, if required, at additional charge.)

Date _____

Service Manager (Signature) _____